

## Refine Search

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Terms	Documents
L9 and L6	0

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 US OCR Full-Text Database  
 EPO Abstracts Database  
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**Search:**

L10





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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L10</u>	L9 and l6	0	<u>L10</u>
<u>L9</u>	((summ\$3 or add\$4) near1 similarity) with (final near1 similarity))	4	<u>L9</u>
<u>L8</u>	l6 and (((summ\$3 or add\$4) near1 similarity) with (final near1 similarity))	0	<u>L8</u>
<u>L7</u>	L6 and ((assign\$4 near2 value) with (summ\$3 or concaten\$4) with (lookup near2 table))	0	<u>L7</u>
<u>L6</u>	L1 and (similarity near1 value)	29	<u>L6</u>
<u>L5</u>	L4 and (profile near1 information)	0	<u>L5</u>
<u>L4</u>	L3 and ((summing or concatenat\$4) same similarity)	1	<u>L4</u>

L3 L2 and (algorithm same level)

2 L3

L2 L1 and (similarity near value)

29 L2

*DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR*

L1 (group\$4 with three with (subscriber or member or person))

4911 L1

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L6 and (707/100).ccls.	0

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**Search:**

L12  





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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L12</u>	I6 and 707/100.ccls.	0	<u>L12</u>
<u>L11</u>	I6 and 707/1.ccls.	0	<u>L11</u>
<u>L10</u>	L9 and I6	0	<u>L10</u>
<u>L9</u>	((summ\$3 or add\$4) near1 similarity) with (final near1 similarity))	4	<u>L9</u>
<u>L8</u>	I6 and (((summ\$3 or add\$4) near1 similarity) with (final near1 similarity))	0	<u>L8</u>
<u>L7</u>	L6 and ((assign\$4 near2 value) with (summ\$3 or concaten\$4) with (lookup near2 table))	0	<u>L7</u>
<u>L6</u>	L1 and (similarity near1 value)	29	<u>L6</u>

<u>L5</u>	L4 and (profile near1 information)	0	<u>L5</u>
<u>L4</u>	L3 and ((summing or concatenat\$4) same similarity)	1	<u>L4</u>
<u>L3</u>	L2 and (algorithm same level)	2	<u>L3</u>
<u>L2</u>	L1 and (similarity near value)	29	<u>L2</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L1</u>	(group\$4 with three with (subscriber or member or person))	4911	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L6 and (707/1).ccls.	0

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**Search:**

L11

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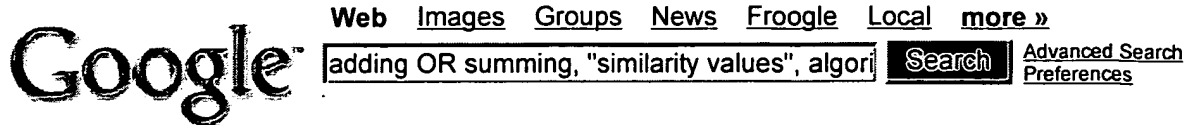
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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L11</u>	I6 and 707/1.ccls.	0	<u>L11</u>
<u>L10</u>	L9 and I6	0	<u>L10</u>
<u>L9</u>	((summ\$3 or add\$4) near1 similarity) with (final near1 similarity))	4	<u>L9</u>
<u>L8</u>	I6 and (((summ\$3 or add\$4) near1 similarity) with (final near1 similarity))	0	<u>L8</u>
<u>L7</u>	L6 and ((assign\$4 near2 value) with (summ\$3 or concaten\$4) with (lookup near2 table))	0	<u>L7</u>
<u>L6</u>	L1 and (similarity near1 value)	29	<u>L6</u>
<u>L5</u>	L4 and (profile near1 information)	0	<u>L5</u>

<u>L4</u>	L3 and ((summing or concatenat\$4) same similarity)	1	<u>L4</u>
<u>L3</u>	L2 and (algorithm same level)	2	<u>L3</u>
<u>L2</u>	L1 and (similarity near value)	29	<u>L2</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L1</u>	(group\$4 with three with (subscriber or member or person))	4911	<u>L1</u>

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Your search - **adding OR summing, "similarity values", algorithm level "profile information", grouping subscribers three** - did not match any documents.

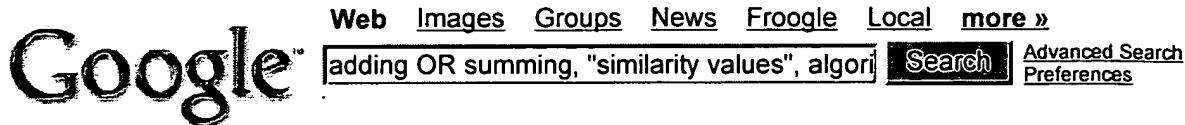
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 agents negotiate with the **subscriber** agent regarding what **information** and ...  
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File Format: PDF/Adobe Acrobat - [View as HTML](#)  
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# 1 [The SIFT information dissemination system](#)



Tak W. Yan, Hector Garcia-Molina

December 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24 Issue 4

**Publisher:** ACM Press

Full text available: pdf(220.77 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Information dissemination is a powerful mechanism for finding information in wide-area environments. An information dissemination server accepts long-term user queries, collects new documents from information sources, matches the documents against the queries, and continuously updates the users with relevant information. This paper is a retrospective of the Stanford Information Filtering Service (SIFT), a system that as of April 1996 was processing over 40,000 worldwide subscriptions and ov ...

**Keywords:** Boolean queries, dissemination, filtering, indexing, vector space queries

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### 1 [Proceedings of the SIGNUM conference on the programming environment for development of numerical software](#)


 March 1979 **ACM SIGNUM Newsletter**, Volume 14 Issue 1

Publisher: ACM Press

 Full text available: pdf(5.02 MB) Additional Information: [full citation](#)

### 2 [Path sharing and predicate evaluation for high-performance XML filtering](#)



Yanlei Diao, Mehmet Altinel, Michael J. Franklin, Hao Zhang, Peter Fischer

 December 2003 **ACM Transactions on Database Systems (TODS)**, Volume 28 Issue 4

Publisher: ACM Press

 Full text available: pdf(543.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

XML filtering systems aim to provide fast, on-the-fly matching of XML-encoded data to large numbers of query specifications containing constraints on both structure and content. It is now well accepted that approaches using event-based parsing and Finite State Machines (FSMs) can provide the basis for highly scalable structure-oriented XML filtering systems. The XFilter system [Altinel and Franklin 2000] was the first published FSM-based XML filtering approach. XFilter used a separate FSM per pa ...

**Keywords:** Nondeterministic Finite Automaton, XML filtering, content-based matching, nested path expressions., path sharing, predicate evaluation, structure matching

### 3 [Design and evaluation of a wide-area event notification service](#)


 August 2001 **ACM Transactions on Computer Systems (TOCS)**, Volume 19 Issue 3

Publisher: ACM Press

 Full text available: pdf(1.08 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The components of a loosely coupled system are typically designed to operate by generating and responding to asynchronous events. An event notification service is an application-independent infrastructure that supports the construction of event-based systems, whereby generators of events publish event notifications to the infrastructure and consumers of events subscribe with the infrastructure to receive relevant notifications.

The two primary services that should be provided ...

**Keywords:** content-based addressing and routing, event notification, publish/subscribe

#### 4 Retrieval algorithm effectiveness in a wide area network information filter



H. P. Frei, M. F. Wyle

September 1991 **Proceedings of the 14th annual international ACM SIGIR conference on Research and development in information retrieval**

**Publisher:** ACM Press

Full text available: [pdf\(930.55 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



#### 5 A distributed database architecture for global roaming in next-generation mobile networks

Zuji Mao, Christos Douligeris

February 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 1

**Publisher:** IEEE Press

Full text available: [pdf\(427.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)



The next-generation mobile network will support terminal mobility, personal mobility, and service provider portability, making global roaming seamless. A location-independent personal telecommunication number (PTN) scheme is conducive to implementing such a global mobile system. However, the nongeographic PTNs coupled with the anticipated large number of mobile users in future mobile networks may introduce very large centralized databases. This necessitates research into the design and performance ...

**Keywords:** database architecture, location management, location tracking, mobile networks

#### 6 The SIFT information dissemination system



Tak W. Yan, Hector Garcia-Molina

December 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24 Issue 4

**Publisher:** ACM Press

Full text available: [pdf\(220.77 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Information dissemination is a powerful mechanism for finding information in wide-area environments. An information dissemination server accepts long-term user queries, collects new documents from information sources, matches the documents against the queries, and continuously updates the users with relevant information. This paper is a retrospective of the Stanford Information Filtering Service (SIFT), a system that as of April 1996 was processing over 40,000 worldwide subscriptions and over ...

**Keywords:** Boolean queries, dissemination, filtering, indexing, vector space queries

#### 7 A model, analysis, and protocol framework for soft state-based communication



Suchitra Raman, Steven McCanne

August 1999 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication SIGCOMM '99**, Volume 29 Issue 4

**Publisher:** ACM Press

Full text available: [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



[terms](#)

"Soft state" is an often cited yet vague concept in network protocol design in which two or more network entities intercommunicate in a loosely coupled, often anonymous fashion. Researchers often define this concept operationally (if at all) rather than analytically: a source of *soft state* transmits periodic "refresh messages" over a (lossy) communication channel to one or more receivers that maintain a copy of that state, which in turn "expires" if the periodic updates cease. Though a nu ...

## 8 Keystroke analysis of free text



Daniele Gunetti, Claudia Picardi

August 2005 **ACM Transactions on Information and System Security (TISSEC)**, Volume 8 Issue 3

**Publisher:** ACM Press

Full text available: pdf(277.07 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Keystroke dynamics can be useful to ascertain personal identity even *after* an authentication phase has been passed, provided that we are able to deal with the typing rhythms of free text, chosen and entered by users without any specific constraint. In this paper we present a method to compare typing samples of free text that can be used to verify personal identity. We have tested our technique with a wide set of experiments on 205 individuals, obtaining a False Alarm Rate of less than 5&p ...

**Keywords:** Biometric techniques, identity verification, keystroke analysis of free text

## 9 Routing and content distribution: Market sharing games applied to content distribution in ad-hoc networks



Michel Goemans, Li Erran Li, Vahab S. Mirrokni, Marina Thottan

May 2004 **Proceedings of the 5th ACM international symposium on Mobile ad hoc networking and computing**

**Publisher:** ACM Press

Full text available: pdf(207.44 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In third generation (3G) wireless data networks, repeated requests for popular data items can exacerbate the already scarce wireless spectrum. In this paper we propose an architectural and protocol framework that allows 3G service providers to host efficient content distribution services. We offload the spectrum intensive task of content distribution to an ad-hoc network. Less mobile users (resident subscribers) are provided incentives to cache popular data items while mobile users (transit subs ...

**Keywords:** 3g wireless networks, ad-hoc networks, nash equilibrium, price of anarchy, unified architecture

## 10 GLOSS: text-source discovery over the Internet



Luis Gravano, Héctor García-Molina, Anthony Tomasic

June 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24 Issue 2

**Publisher:** ACM Press

Full text available: pdf(230.37 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The dramatic growth of the Internet has created a new problem for users: location of the relevant sources of documents. This article presents a framework for (and experimentally analyzes a solution to) this problem, which we call the text-source discovery problem. Our approach consists of two phases. First, each text source exports its contents to a centralized service. Second, users present queries to the service, which returns an ordered

list of promising text sources. T ...

**Keywords:** Internet search and retrieval, digital libraries, distributed information retrieval, text databases

# 11 Visualizing dynamic software system information through high-level models



Robert J. Walker, Gail C. Murphy, Bjorn Freeman-Benson, Darin Wright, Darin Swanson, Jeremy Isaak

October 1998 **ACM SIGPLAN Notices , Proceedings of the 13th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '98**, Volume 33 Issue 10

**Publisher:** ACM Press

Full text available: pdf(2.07 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Dynamic information collected as a software system executes can help software engineers perform some tasks on a system more effectively. To interpret the sizable amount of data generated from a system's execution, engineers require tool support. We have developed an off-line, flexible approach for visualizing the operation of an object-oriented system at the architectural level. This approach complements and extends existing profiling and visualization approaches available to engineers attemptin ...

**Keywords:** execution trace, performance, program comprehension, programming environments, software structure, software visualization

# 12 The elements of nature: interactive and realistic techniques



Oliver Deussen, David S. Ebert, Ron Fedkiw, F. Kenton Musgrave, Przemyslaw Prusinkiewicz, Doug Roble, Jos Stam, Jerry Tessendorf

August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**

**Publisher:** ACM Press

Full text available: pdf(17.65 MB)

Additional Information: [full citation](#), [abstract](#)

This updated course on simulating natural phenomena will cover the latest research and production techniques for simulating most of the elements of nature. The presenters will provide movie production, interactive simulation, and research perspectives on the difficult task of photorealistic modeling, rendering, and animation of natural phenomena. The course offers a nice balance of the latest interactive graphics hardware-based simulation techniques and the latest physics-based simulation techni ...

# 13 IP multicast channels: EXPRESS support for large-scale single-source applications



Hugh W. Holbrook, David R. Cheriton

August 1999 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication SIGCOMM '99**, Volume 29 Issue 4

**Publisher:** ACM Press

Full text available: pdf(1.66 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In the IP multicast model, a set of hosts can be aggregated into a group of hosts with one address, to which any host can send. However, Internet TV, distance learning, file distribution and other emerging large-scale multicast applications strain the current realization of this model, which lacks a basis for charging, lacks access control, and is difficult to scale. This paper proposes an extension to IP multicast to support the *channel* model of multicast and describes a specific realizat ...

14 The design of a high performance information filtering system

Timothy A. H. Bell, Alistair Moffat

August 1996 **Proceedings of the 19th annual international ACM SIGIR conference on Research and development in information retrieval**

Publisher: ACM Press

Full text available: pdf(1.15 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)15 GPGPU: general purpose computation on graphics hardware

David Luebke, Mark Harris, Jens Krüger, Tim Purcell, Naga Govindaraju, Ian Buck, Cliff Woolley, Aaron Lefohn

August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**

Publisher: ACM Press

Full text available: pdf(63.03 MB) Additional Information: [full citation](#), [abstract](#)

The graphics processor (GPU) on today's commodity video cards has evolved into an extremely powerful and flexible processor. The latest graphics architectures provide tremendous memory bandwidth and computational horsepower, with fully programmable vertex and pixel processing units that support vector operations up to full IEEE floating point precision. High level languages have emerged for graphics hardware, making this computational power accessible. Architecturally, GPUs are highly parallel s ...

16 A study of source-level compiler algorithms for automatic construction of pre-execution code

Dongkeun Kim, Donald Yeung

August 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 3

Publisher: ACM Press

Full text available: pdf(1.55 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Pre-execution is a promising latency tolerance technique that uses one or more helper threads running in spare hardware contexts ahead of the main computation to trigger long-latency memory operations early, hence absorbing their latency on behalf of the main computation. This article investigates several source-to-source C compilers for extracting pre-execution thread code automatically, thus relieving the programmer or hardware from this onerous task. We present an aggressive profile-driven co ...

**Keywords:** Data prefetching, memory-level parallelism, multithreading, pre-execution, prefetch conversion, program slicing, speculative loop parallelization

17 Usage analysis: Improving recommendation lists through topic diversification

Cai-Nicolas Ziegler, Sean M. McNee, Joseph A. Konstan, Georg Lausen

May 2005 **Proceedings of the 14th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(298.18 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this work we present topic diversification, a novel method designed to balance and diversify personalized recommendation lists in order to reflect the user's complete spectrum of interests. Though being detrimental to average accuracy, we show that our method improves user satisfaction with recommendation lists, in particular for lists generated using the common item-based collaborative filtering algorithm. Our work builds upon prior research on recommender systems, looking at properties of re ...

**Keywords:** accuracy, collaborative filtering, diversification, metrics, recommender systems

18 Special issue on knowledge representation

Ronald J. Brachman, Brian C. Smith  
February 1980 **ACM SIGART Bulletin**, Issue 70

**Publisher:** ACM Press

Full text available: pdf(13.13 MB) Additional Information: [full citation](#), [abstract](#)

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a survey of current knowledge representation research. We felt that there were two useful functions such an issue could serve. First, we hoped to elicit a clear picture of how people working in this subdiscipline understand knowledge representation research, to illuminate the issues on which current research is focused, and to catalogue what approaches and techniques are currently being developed. Second ...

19 A framework for call graph construction algorithms

David Grove, Craig Chambers  
November 2001 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 23 Issue 6

**Publisher:** ACM Press

Full text available: pdf(1.36 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A large number of call graph construction algorithms for object-oriented and functional languages have been proposed, each embodying different tradeoffs between analysis cost and call graph precision. In this article we present a unifying framework for understanding call graph construction algorithms and an empirical comparison of a representative set of algorithms. We first present a general parameterized algorithm that encompasses many well-known and novel call graph construction algorithms. We ...

**Keywords:** Call graph construction, control flow analysis, interprocedural analysis

20 Usage patterns of FriendZone: mobile location-based community services

Asaf Burak, Taly Sharon  
October 2004 **Proceedings of the 3rd international conference on Mobile and ubiquitous multimedia MUM '04**

**Publisher:** ACM Press

Full text available: pdf(327.23 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

How do users accept, and use, for a long period of time, location based services (LBS) on their mobile handsets? FriendZone, a suite of mobile Location-based Community Services has been launched. The services included Instant Messaging and Locator (IM&L), Location-based Chat, and Anonymous Instant Messaging (AIM), with supporting Privacy Management. A 21 month usage survey of more than 47,000 users, most of them young adults, followed by user interviews, is reported herein. The results indicate t ...

**Keywords:** 3G, LBS, SMS, WAP, location-based services, mixed reality, mobile communities, ubiquitous computing